

FIG. 1

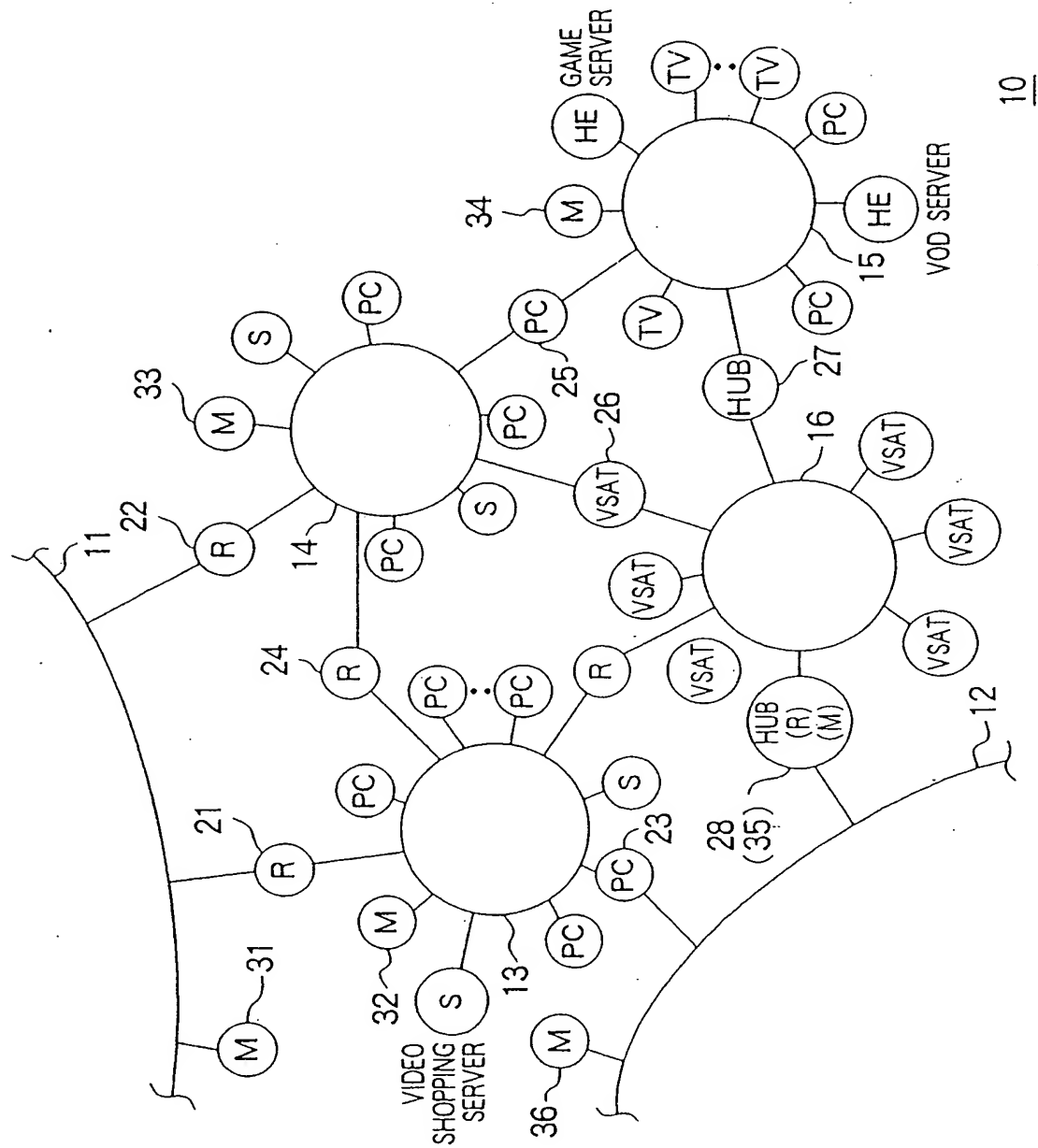


FIG. 2

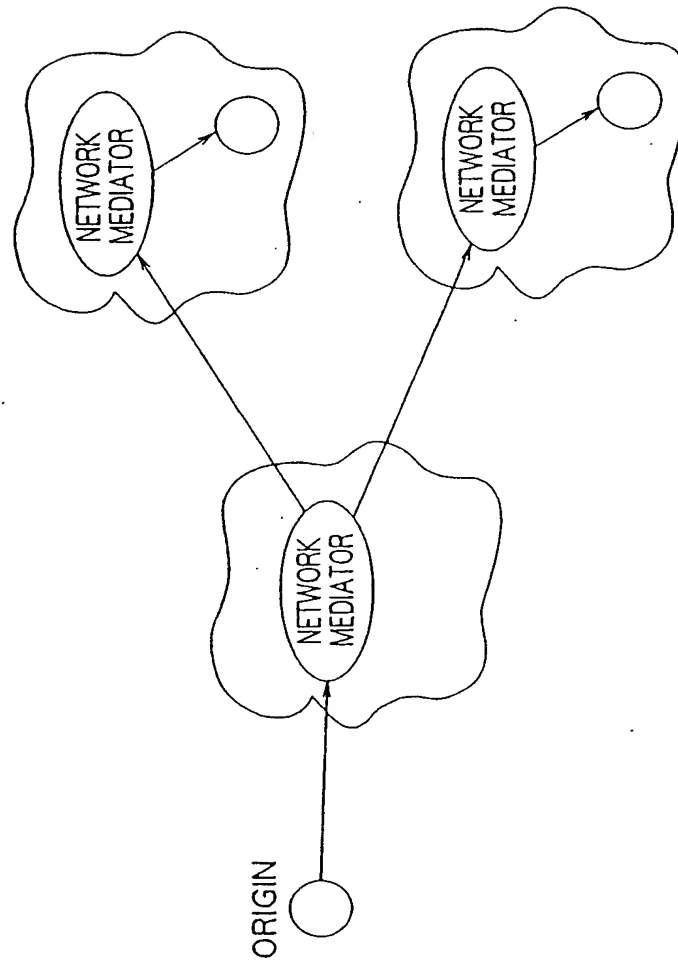


FIG. 3

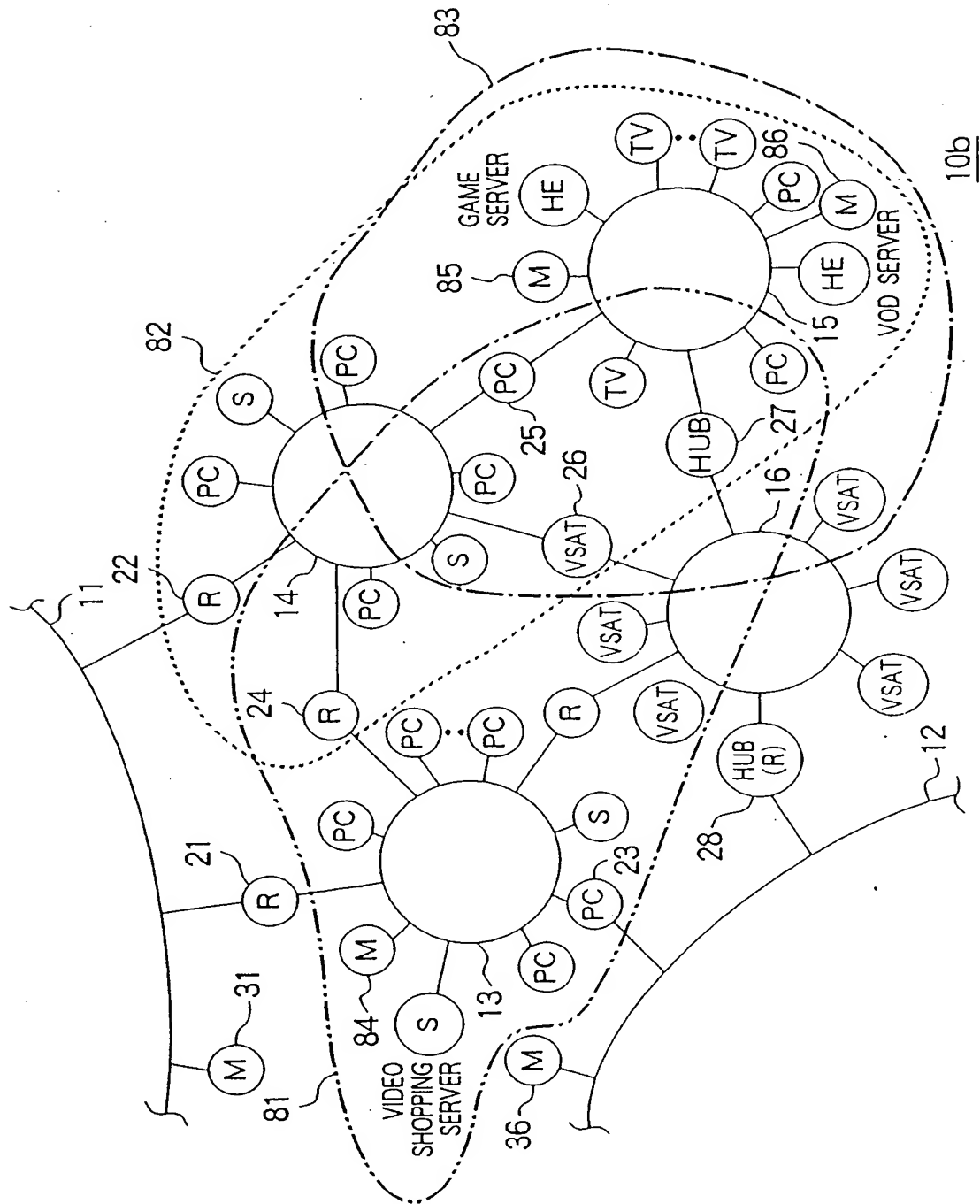


FIG. 4A

Token :
(mediate instruction destination task result-handling token-ID
origin-node origin-mediator token-sender co-successors)

Instruction :
search, connect, perform, collect

Destination :
((name "XXX VoD Server")
(reference 'domain local node reference'
(object-name "XXX server manager")
(object-reference 'domain local object reference')
(network-domain "network-provider")
(problem-domain "multimedia network-service")
(application-domain "video-on-demand")
(communication-medium internet))

Task :
(object method arguments)

Result-Handling :
return-value, return-status, store, and/or propagate

FIG. 4B

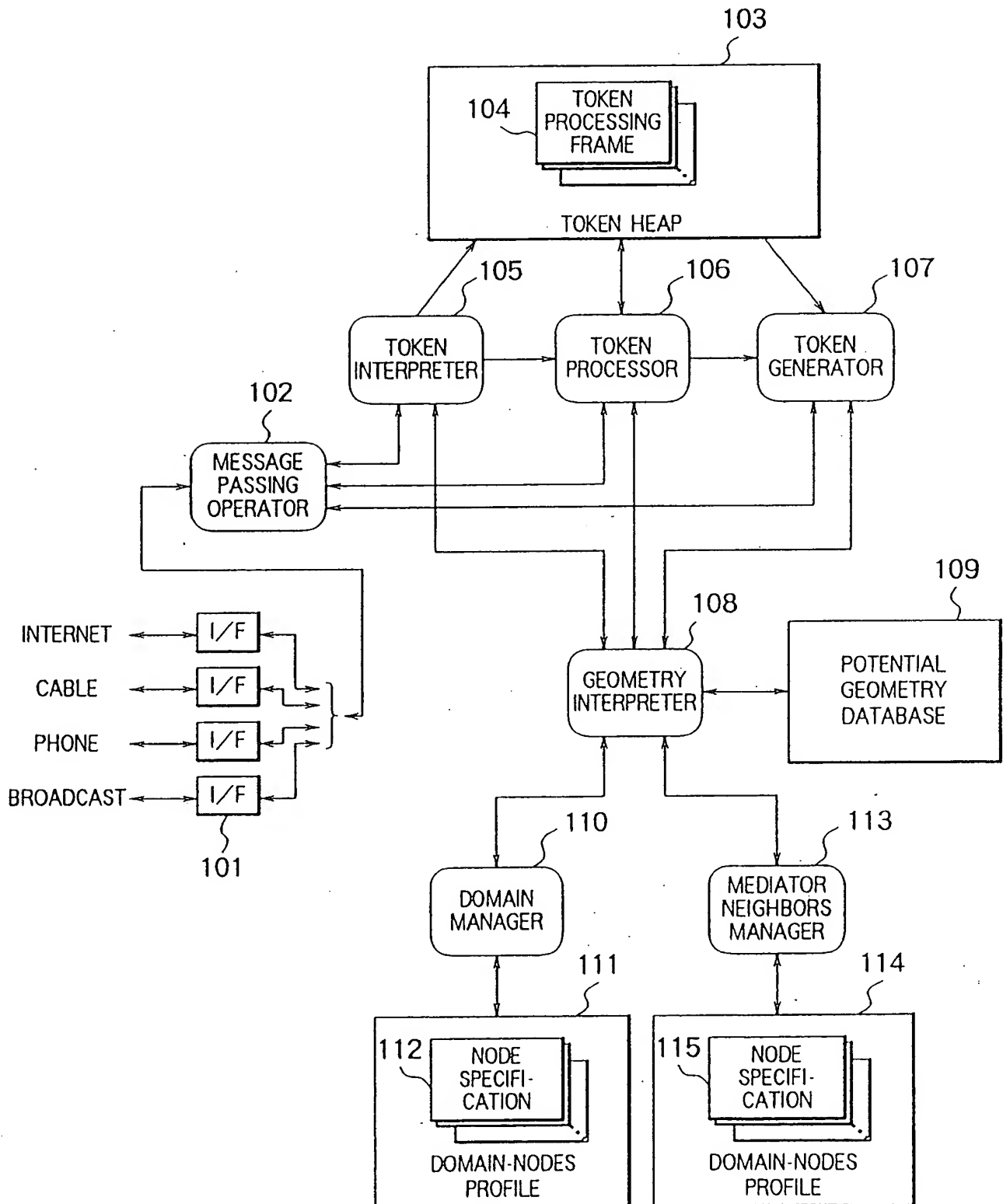
Token :
(mediate
search
((name "XXX Vod Server")
(reference 'domain local node reference')
(object-name "XXX server manager")
(object-reference 'domain local object reference')
(network-domain network-provider)
(problem-domain "multimedia network-service")
(application-domain "video-on-demand")
(communication-medium internet))
(object-method arguments)
(return-value return-status)
token-ID
node-reference
node-reference
node-reference
(node-reference node-reference . . . node-reference)
)

NETWORK MANAGEMENT METHOD, APPARATUS OF SAME AND
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FIG. 5



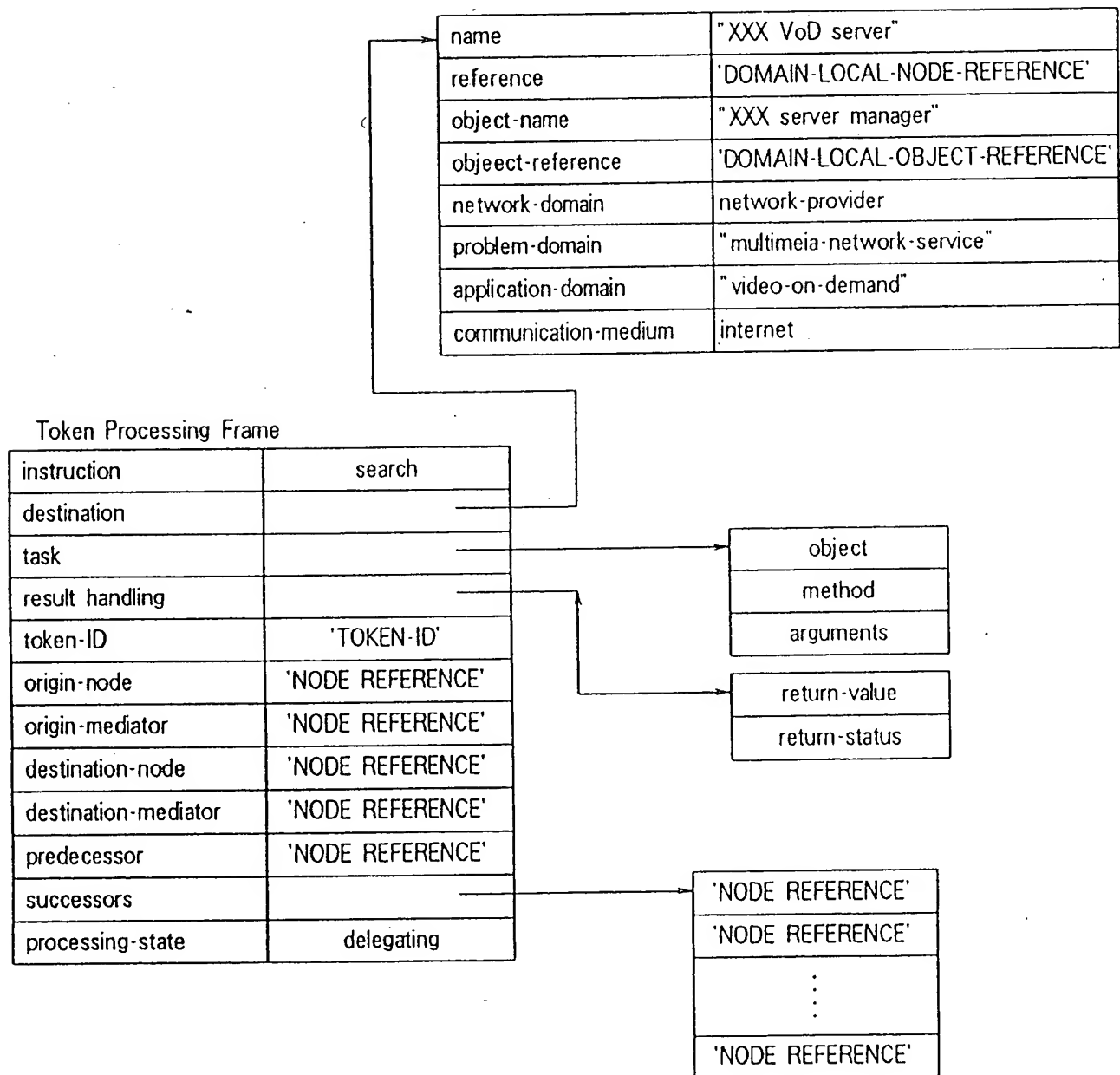
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FIG. 6



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FIG. 7

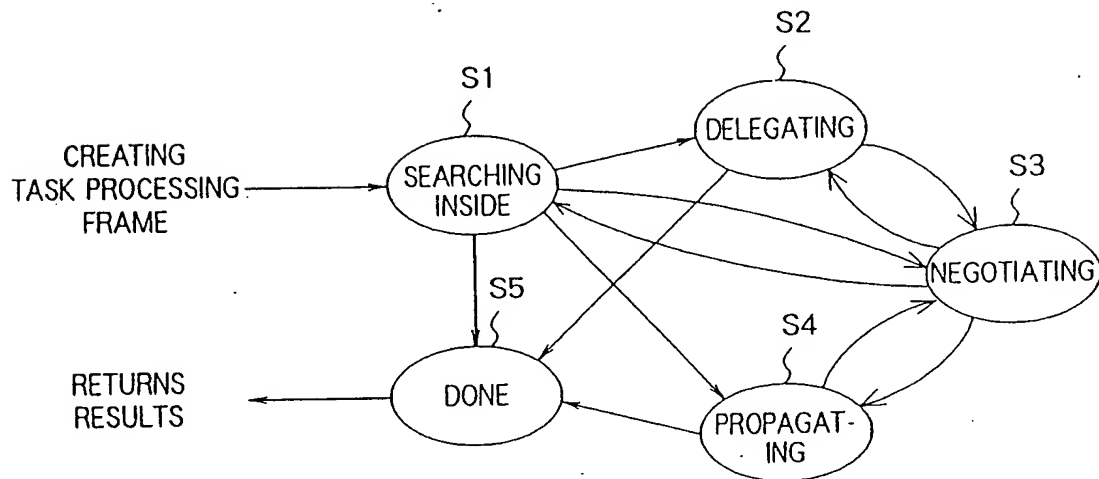


FIG. 8

Network Domains

((domainN-1 (domainN-1i distance) (domainN-1j distance) . . . (domainN-1k distance))
(domainN-2 (domainN-2i distance) (domainN-2j distance) . . . (domainN-2k distance))
. . .
(domainN-N (domainN-Ni distance) (domainN-Nj distance) . . . (domainN-Nk distance)))

Problem Domains

((domainP-1 (domainP-1i distance) (domainP-1j distance) . . . (domainP-1k distance))
(domainP-2 (domainP-2i distance) (domainP-2j distance) . . . (domainP-2k distance))
. . .
(domainP-N (domainP-Ni distance) (domainP-Nj distance) . . . (domainP-Nk distance)))

Application Domains

((domainA-1 (domainA-1i distance) (domainA-1j distance) . . . (domainA-1k distance))
(domainA-2 (domainA-2i distance) (domainA-2j distance) . . . (domainA-2k distance))
. . .
(domainA-N (domainA-Ni distance) (domainA-Nj distance) . . . (domainA-Nk distance)))

FIG. 9

NODE-CLASS	VoD server
NODE-NAME	XXX
REFERENCE	'NODE REFERENCE'
COMMUNICATION-MEDIUM	internet
OWNER NAME/REFERENCE	'NODE REFERENCE'
NETWORK-DOMAIN	network provider
PROBLEM-DOMAIN	multimedia network
APPLICATION-DOMAIN	video-on-demand

FIG. 10

